

REMARKS

Claims 1-11 are now pending in the above-referenced application and are submitted for the Examiner's reconsideration.

The Examiner objected to the drawings based on various issues. In view of the amendments to the drawings, Applicants submit that this objection has been obviated.

Regarding the prior art rejections, Perelman describes a method to transmit analog signals with a pulse width modulation over a line, which has a limited transmitting band.

The claimed invention has a totally different focus, which is also the greatest difference between the claims and Perelman. In the claimed invention, the connection of two different digital communication protocols is recited. The first communication protocol uses a pulse width modulation for a 1Bit transmission. The other second protocol is based on a 10Bit asynchronous data stream. So in principle the data bit of the 1Bit transmission with regard to the first protocol and described by a pulse width modulation is reproduced by using intelligent data words in the asynchronous data stream. On the receiving side this data bit of the first protocol could be reconstructed with regard to the second protocol by intelligent analyses of specific data bits. The only thing, which the state of the art has in common with the claimed invention is that both use a pulse width signal for transmitted the information. As described above, the state of the art and the claimed invention have a totally different intention and are therefore showing totally different solutions for different tasks. Also with regard to the pulse width signal it is clear, that the pulse width signal and method in the state of the art, as described in column 3, line 43 to 56 is not comparable to the claimed pulse width method. With regard to this aspect an important point is, that in the US state of the art the transmitting frequency could fluctuate or oscillate according to the value of the 6Bit signal. In the claimed invention and pulse width modulation protocol, which means the first protocol, the transmitting frequency is fixed and restricted to one phase modulation.

The most important difference of connection two different bus protocols to each other is described in the specification on page 2 first to third paragraph, page 3, third and fourth paragraph, page 5, first paragraph, Figure 3 with description and page 9, last paragraph to page 10, second paragraph.

It is respectfully submitted that the subject matter of the present application is new, non-obvious, and useful. Prompt consideration and allowance of the application are respectfully requested.

Respectfully submitted,

KENYON & KENYON

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By: Richard L. Mayer
Richard L. Mayer
Reg. No. 22,490

One Broadway
New York, NY 10004
(212) 425-7200

Amendments to the Drawings:

The attached sheets of drawings include changes to Figures.